

ZHUKOVSKIY, P.M., otv. red.; TROSHIN, A.S., otv. red.; ASTAUROV,  
B.L., red.; ZHINKIN, L.N., red.; MATVEYEVA, T.S., red.;  
SAKHAROV, V.V., red.; FEDOROV, A.A., red.; CHUKSANOVA,  
N.A., red.

[Polyplaidy and breeding; transactions] Poliploidiiia i se-  
lektsiya; trudy. Moskva, Nauka, 1965. 322 p.  
(MIRA 18:6)

1. Soveshchaniye po poliploidii, 1963. 2. Deystvitel'nyy  
chlen Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk  
imeni V.I.Lenina (for Zhukovskiy). 3. Chlen-korrespondent  
AN SSSR (for all except Zhukovskiy).

ZHINKIN, L.N. (Leningrad, M-66, Aviatcionnaya ul., 13, kv. 155)

Structure of the interkinetic nucleus. In connection with Professor S.I.Shchelkunov's articles. Arkh. anat., gist. i embr. 45 no. 10: 88-92 O '63. (MIRA 17:9)

1. Institut tsitologii AN SSSR, Leningrad.

ZHINKIN, L. N. and ANDREYEVA, L. F.

"DNA Synthesis and Nuclear Division in the Course of Development of  
the Striated Musculature." pp. 31

Institute of Cytology AS USSR Laboratory of Cell Morphology

II Nauchnaya Konferentsiya Instituta Tsitologii AN SSSR. Tezisy Dokladov  
(Second Scientific Conference of the Institute of Cytology of the Academy  
of Sciences USSR, Abstracts of Reports), Leningrad, 1962 88 pp.

JPRS 20,634

ZHINKIN, L.N., prof., red.; BESEDIN, I.K., tekhn. red.

[Radioactive tracers in histology; collection of works of  
the Laboratory of Histology] Radioaktivnye indikatory v gi-  
stologii; sbornik rabot Laboratoriya histologii pod red.  
L.N. Zhinkina. Leningrad, 1959. 206 p. (MIRA 16:8)

1. Akademiya meditsinskikh nauk SSSR, MoscDW. Institut ekspe-  
rimental'noy meditsiny. 2. Laboratoriya histologii Instituta  
eksperimental'noy meditsiny AMN SSSR (for Zhinkin).

(TRACERS (BIOLOGY)) (HISTOLOGY)

ZHINKIN, L.N.

Pavel Grigor'evich Svetlov; on his 70th birthday. TSitologija 4  
no.4:468-470 Jl-Ag '62. (MIRA 15:9)  
(SVETLOV, PAVEL GIRGOR'EVICH, 1892-)

ZHINKIN, L.N.

"Twins (essays on the problems of multiple pregnancy)" by I.I.Kanaev,  
Reviewed by L.N.Zhinkin. Arkh. anat. gist. i embr. 40 no.5:108-110  
Mr '61. (MIRA 15:4)

1. Adres avtora: Leningrad, pr. Maklina, 32, Institut tsitologii  
AN SSSR.  
(TWINS) (PREGNANCY, COMPLICATIONS OF) (KANAEV, I.I.)

ZHINKIN, L.N. (Leningrad)

Endomitosis and somatic polyploidy in mammals. Arkh. anat. gist. i  
embr. no.1:3-21 Ja '62. (MIRA 15:4)

1. Adres avtora: Leningrad, F-121, Prospekt Maklina, 32, Institut  
tsitologii AN SSSR.  
(CHROMOSOMES) (POLYPLOIDY)

ZHINKIN, L.N.; ZAVARZIN, A.A.; LEBEDEVA, G.S.; ANDREYEVA, L.F.

Use of liquid emulsions in autoradiography with thymidine-H<sup>3</sup> and adenine-C<sup>14</sup>. TSitologija 3 no.4:478-481 Jl.-Ag '61. (MIRA 14:8)

1. Laboratoriya morfologii kletki Institut: tsitologii AN SSSR,  
Leningrad.

(AUTORADIOGRAPHY)

ZHINKIN, L.N.; BRODSKIY, V.Ya.; LEBEDEVA, G.S.

Mitosis, amitosis and endomitosis in the cells of the squamous stratified epithelium in white rats. Tsitologija 3 no.5: 514-521 S-0 '61.

(MIRA 14:10)

1. Laboratoriya morfologii kletki Instituta tsitologii AN SSSR,  
Leningrad i Laboratoriya tsitologii Instituta morfologii zhivotnykh  
AN SSSR, Moskva.

(AMITOSIS) (KARYOKINESIS) (EPITHELIUM)

TROSHIN, A.S.; ZHINKIN, L.N., doktor biolog.nauk

Studying the mitotic division of cells. Vest. AN SSSR 31  
no.10:134-135 O '61. (MIRA 14:9)

1. Chlen-korrespondent AN SSSR (for Troshin).  
(Daryokinesis--Congresses)

ZHINKIN, N.I.

USSR/Human and Animal Physiology - Nervous System.

R-12

Abs Jour : Referat Zhur - Biologiya, No 16, 1957, 71196

Author : Zhinkin, N.I.

Title : New Data About the Work of Motor-Verbal Analiser and its Correlation With the Auditory One.

Orig Pub : Isv. Akad. ped. nauk RSFSR, 1956, vyp. 81, 169-295

Abstract : In the study of division of speech the level of the syllable and sound pressure (Heiman apparatus) in db and their duration was observed. Amplitudes of the harmonic spectrum of consonants (automatic sound spectrograph) and phenomena of articulation connected with acoustics were studied. (X-rays). The human hearing does not perceive absolute magnitudes of sound, but their interrelation. In the relation of sound frequencies and partly under the strength of the dynamic relations, there remains a logarithmic dependence between the stimulation and perception. The hearing compresses the dynamic diapason of the

Card 1/2

- 144 -

USER/Human and Animal Physiology - Nervous System.

R-12

Abs Jour : Referat Zhur - Biologiya, No 16, 1957, 71196

stimuli which fall on the ear. The active organs of the mouth resonator carry out the static stabilization of the sound. The pharyngeal resonator regulates the compressing of the dynamic diapason of speech, performs the function of the formation and division of syllables. The modulations of the work volume of the pharynx regulate breathing in a reflex way, influencing the mass and pressure of the air, which enters into the speech organs in production of sound and syllable. The importance of the breathing muscles in speech breathing is emphasized. The research of methods of influencing involuntary components of speech may be of practical importance. (in study of languages, acting etc.)

Card 2/2

- 145 -

ZHINKIN, N.I.

Paradoxal respiration of speech [with summary in English].  
Fiziol. zhur. 43 no.2:145-155 F '57 (MIRA 10:4)

1. Institut psichologii Akademii pedagogicheskikh nauk, Moskva.  
(SPEECH  
resp. in mechanism of speech, X-ray registration)  
(RESPIRATION  
in speech, X-ray registration)

ZHINKIN, N.I., starshiy nauchnyy sotrudnik; GUREVICH, I.M., starshiy nauchnyy sotrudnik; DOBRYNIN, N.F., prof.; GUREKINA, A.P., red.; DZHATIYEEVA, F.Kh., tekhn. red.

[Programs of pedagogical institutes; psychology] Programmy pedagogicheskikh institutov; psichologiya [Moskva] Uchpedgiz, 1958. 14 p. (MIRA 11:9)

1. Russia (1917- R.S.F.S.R.) Glavnoye upravleniye vysshikh i srednikh pedagogicheskikh uchebnykh zavedeniy. 2. Institut psichologii Akademii pedagogicheskikh nauk (for Zhinkin, Gurevich). 3. Zaveduyushchiy kafedroy psichologii Moskovskogo gosudarstvennogo instituta imeni V.P. Potemkina (for Dobrynin). (Psychology—Study and teaching)

ZHINKIN, N. I.

"Self-Regulation of the Mechanism of Speech" (15 March 1957).

Paper presented at the Seminars on Cybernetics at Moscow University during  
the 1956-57 school year.

Problemy Kibernetiki, No. 1, 1958

ZHINKIN, N.I.

Some problem in the application of the information theory to  
psychology [with summary in English]. Vop. psichol. 4 no.1:50-76  
Ja.-F '58. (MIRA 11:3)

1. Institut psikhologii AFN RSISSR, Moskva.  
(Psychology) (Information theory)

RUBINSRTEYN, S.L.; SOKOLOV, A.N.; LURIYA, A.R.; LEONT'YEV, A.N.; SMIRNOV,  
A.A.; GONOBOLIN, F.N.; MENCHINSKAYA N.A.; ZHINKIN, N.I.;  
IGNAT'YEV, Ye.N.; EL'KONIN, D.B.; GUREVICH, K.M.; GUR'YANOV, Ye.V.;  
LEYTES, N.S.; KRUTETSKIY, V.A. Prinimali uchastiye: POLYAKOV, G.I.;  
SHEMYAKIN, F.N.; TEPLOV, B.M., red.; VVEDENSKAYA, L.A., red.;  
DRANNIKOVA, M.S., tekhn. red.

[Psychology] Psichologija; uchebnik dlja pedagogicheskikh institutov.  
Pod red. A.A. Smirnova i dr. Izd.2. Moskva, Uchpedgiz, 1962. 558 p.

1. Akademija pedagogicheskikh nauk RSFSR, Moscow. Institut psichologii. (MIRA 15:11)

(PSYCHOLOGY)

UL'YANOV, P.V., kandidat veterinarnykh nauk; CHISTYAKOV, F.A., veterinarnyy vrach; ZHINKIN, P.V., veterinarnyy vrach; CHAYANOV, Yu.A., student.

Course of babesiosis in cattle in districts infested by the tick *Ixodes persulcatus*. Veterinariia 32 no.4:45-47 Ap '55. (MLRA 8:5)

1.Ivanovskaya oblastnaya vетbaklaboratoriya.  
(DOMESTIC ANIMALS--PARASITES) (TICKS AS CARRIERS OF DISEASE)

ZHINKIN, V.S., smenny master

Organization of the technical inspection of diesel locomotives at the Liski Station. Elek. i tepl. tiaga 7 no.10:  
4-7 0 '63. (MIRA 16:11)

1. Punkt tekhnicheskogo osmotra stantsii Liski Yugo-Vostochnoy dorogi.

I 06200-67 ENT(m)/ENP(j) IJP(c) NW/RM  
ACC NR: AP6031748 SOURCE CODE: UR/0191/66/000/007/0023/0025

AUTHOR: Zhinkina, L. Nai. Vishnevskiy, F. N.; Zhinkin, D. Ya.; Zubkov, I. A.

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37  
B

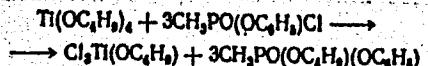
ORG: none

TITLE: Reaction of butyl orthotitanate with phenyl methylphosphono-chloride or phosphorus oxychloride

SOURCE: Plasticheskiye massy, no. 7, 1966, 23-25

TOPIC TAGS: butyl orthotitanate, phenyl methylphosphonochloride, phosphorus oxychloride, polyorganophosphorustitanoxane, TITANATE, PHENYL COMPOUND, POLYMER STRUCTURE, CHEMICAL REACTION

ABSTRACT: A study has been made of the reaction of butyl orthotitanate (I) with phenyl methylphosphonochloride (II) as with phosphorus oxychloride (III). At up to 90C, I and II taken in a 1/3 ratio react as follows:



At above 100C the reaction products undergo condensation to form a polymer with a titanoxane backbone. The presumed structure of the

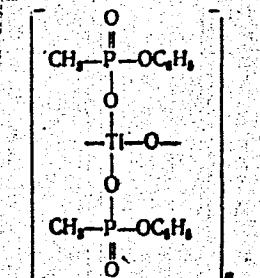
Card 1/2

UDC: 678.85+678.868.24

L 06200-67

ACC-NR: AP6031748

polymer is:



A polymer with a high molecular weight is isolated by dissolving the reaction mixture in acetone and precipitating with water. I and III react in a similar manner; at higher reaction temperatures (170—180°C) a cross-linked phosphorus-containing polyorganotitanoxane is formed. The polymer contains 1 titanium atom per phosphorus atom, and 1 butoxy group per 3 titanium atoms. The synthesized polymers withstand temperatures of 190—200°C. Orig. art. has: 3 figures.

SUB CODE: 07, 11/ <sup>15</sup> SUBM DATE: none/ ORIG REF: 007/ OTH REF: 002

Card 2/2 afa

24 April 1964, v. 13

AUTHORS: Dzhelepov, B.S., Kraft, O.Ye., Zhinkina, V.B. 48-7-10/21

TITLE: Positrons in the Radiation of the Radioactive Isotope In<sup>114</sup>  
(Pozitrony v izluchenii radioaktivnogo izotopa In<sup>114</sup>)

PERIODICAL: Izvestiya Akad. Nauk SSSR, Ser. Fiz., 1957, Vol. 21, Nr 7,  
pp. 978 - 984 (USSR)

ABSTRACT: The radioactive isotope In<sup>114</sup> possesses the possibility of a concurrent  $\beta^+ - \beta^-$ -decay. It lies between two stable isobars whose charge differs by two units: Cd<sup>114</sup> and Sn<sup>114</sup>. This decay is fully described and reference is made to work done in this field by other authors. The radioactive isotope In<sup>114</sup> possesses two isomers with half-decay periods of 50 days and 72 seconds. The 50 days isomer is converted to its ground state In<sup>114</sup> by emitting either a  $\gamma$ -quantum with the energy of 192 keV or a conversion electron. The authors further give a survey of data on the In<sup>114</sup> decay and report on the work done by other authors in this field, where it was for the first time reported on positrons. In order to estimate the intensity and the limiting energy of the positrons the authors used as source an indium foil covered by aluminum as reabsorber. The  $\beta$ -spectrum of

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Positrons in the Radiation of the Radioactive Isotope In<sup>114</sup> 48-7-10/21

In<sup>114</sup> was investigated by the authors by means of a magnetic  $\beta^-$ -spectrometer. On figure 1 the test spectrum of the positrons of In<sup>114</sup> is represented. For measuring the background a slide for screening off the  $\beta$ -particles was inserted. Figure 2 shows the positron spectrum as result. In order to exclude errors the  $\beta$ -spectrum of In<sup>114</sup> was measured (under the same conditions as the positron spectrum), and the resulting  $\beta$ -spectrum is represented on figure 3. Figure 4 records the Fermi diagram for the  $\beta^-$ -spectrum of In<sup>114</sup>. The dependence of the corrections on the energy is represented on figure 5. In order to estimate how far the corrections were correct, they were plotted on the ordinates of a conversion line (figure 6). Figure 7 shows the Fermi diagram for the positron spectrum of In<sup>114</sup>. Figure 8 records the scheme of the In<sup>114</sup> decay. There are 8 figures and 23 references, 5 of which are Slavic.

ASSOCIATION: Leningrad State University imeni A.A.Zhdanov (Leningradskiy gos. universitet imeni A.A. Zhdanova)

AVAILABLE: Library of Congress

Card 2/2

AUTHORS: Vinogradov, V.P., Malyarenko, V.M.

Novosibirsk, Nenadzha.

TITLE: The effect of geometric parameters of the vertical plate on the entrainment of air bubbles in turbulent bubbling

PERIODICAL: Zhurnal prikladnoy mehaniki i tekhnicheskoy fiziki.  
no.1, 1963, 155-157

TEXT: An investigation of the effect of velocity and conditions of entry of the light component in the flow on the entrainment of particulates in the bubbly flow. Experiments were carried out using a rectangular transparent column 2000 mm high and 200 x 200 mm<sup>2</sup> cross section. The light component was entrained at the lower free surface of the liquid. The plates had different geometries. The experiments showed that the processes of entrainment of particulates in the bubbly flow, where the air bubbles are entrained by the liquid, are determined by the conditions of entry of the air bubbles into the liquid.

The effect of the electrical field on the rate of diffusion

water was determined chemically at the two steady states. The mercury was thought not to influence the diffusion rate. Data taken during a steady state diffusion experiment in which the reaction in a steady supercritical region was measured showed that the geometric characteristics of the diffusion cell had a marked complex effect on the diffusion rate. The diffusion component. The curve relating the relative diffusion rate to the relative open cross section of the diffusion cell was found to pass through a minimum at  $w = 0.36$  m/sec a well defined transition point. The main difference of the two curves between the subcritical and supercritical regions lies in the different dependence of the diffusion area. In the subcritical region the diffusion area is a function of the diffusion rate, while in the supercritical region it is a function of the diffusion coefficient. The diffusion rate in the supercritical region is always greater than in the subcritical region. The diffusion coefficient is also greater in the supercritical region. The diffusion area is also greater in the supercritical region. The diffusion coefficient is also greater in the supercritical region.

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Card 3/3

The effect of geometrical .

which the velocity of fall of the droplets increases with the velocity of the entering streams. The number of droplets taken up as a result of the impact of the droplets on the surface of the liquid is proportional to the number of droplets which fall on the surface per unit time. The mode of entrainment was most effective. It was observed that at low values of  $\varphi$  the light component enters the water at relatively high velocity, the number of droplets which are distributed along the surface of the liquid due to the impact of such streams takes place without any entrainment. The dispersion of droplets of liquid in the water is due to the action of these streams. Strong water streams are formed by the streams forming in it separate channels through which the main flow of water flows. There are 9 figures.

SUBMITTED. September 15, 1962

Card 3/3

SEVERDENKO, V.P., akademik: ZHILKIN, V.Z., inzh.

Drawing of titanium wire. Mash.Bel. no.5:19-28 '58.  
(MIRA 12:11)

1. AN BSSR (for Severdenko).  
(Wire drawing) (Titanium)

ZHILKINA, A.S.

Interepidemic influenza cases and the development of postinfluenza  
immunity in children. Trudy gos.nauch.-issl.inst.ukha, gorla i  
nosa. 6:130-149 '55. (MIRA 12:10)

1. Iz virusologicheskoy laboratorii otdela ostrykh infektsiy  
(zav.-prof.P.P.Sakharov) Gosudarstvennogo nauchno-issledovatel'-  
skogo instituta ukha, gorla i nosa.  
(INFLUENZA)

BORISHANSKIY, V.M.; ANDREYEVSKIY, A.A.; ZHINKINA, V.B.

Heat transfer to a staggered bank of tubes in transverse flow  
of molten sodium. Atom. energ. 13 no.3:269-271 S '62.

(MIRA 15:9)

(Heat—Transmission) (Sodium)

ZHINKOV, V.D. (Moskva)

Criticism of idealism and metaphysics in some conceptions of foreign medicine (based on materials of the symposium of the Academy of Medical Sciences of the U.S.S.R.). Vest. AMN SSSR 20 no.1:73-77 '65. (MIRA 18:4)

KHILEVSKAYA, K., zasluzhennaya uchitel' nitsa RSFSR (g.Torzhok); ZHINOV, A.  
(g.Torzhok).

Revive the old domestic craft. Prom.koop.no.5:33 My '56. (MIRA 9:9)

1.Direktor Torzhokhoy khudoshestvennoy proftekhnikoly imeni N.K.  
Krupskoy (for Khilevskaya). 2. Predsedatel' pravleniya arteli imeni  
8 marta (for Zhirov).  
(Torzhok--Spun gold)

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ZHINOVICH, N. I.; MENKINA, M. M.; RUBENCHIK, K. F.

Nickel plating with an electric current periodically changing  
its direction. Sbor.nauch.rab.Bel.politekh.inst. no.55:103-108  
'56.

(MLRA 10:7)

(Nickel plating)

ZHINOVICH, N.I.; ZHIGALKOVICH, V.F.

Making structural gypsum water-resistant. Sbor.nauch.trud.Bel.  
politekhninst. no.87:66-75 '59. (MIRA 14:4)  
(Gypsum)

MIRA 15:3

ZHIR, M., brigadir

Experience in the work of a tractor brigade. Sel'mekh. no.3:4-6  
'62. (MIRA 15:3)

1. Kolkhoz "Mayak", Lyubechskiy rayon.  
(Collective farms)

ZHIRENCHIN, A.

Ahirenchin, A. "Regional studies - in the service of the Motherland", Vestnik Akad. nauk Kazakh. SSR, 1948, No. 11, p. 89-91.

SO: U-3042, 11 March 53, (Letopis 'nykh Statey, No. 9, 1949)

ZHIRENCHIN, Abusagit Musul'mankulovich; BUNTMAN, A., red.; ZLOBIN, M.,  
tekhn. red.

[Alma-Ata; concise handbook] Alma-Ata; kratkii spravochnik.  
Alma-Ata, Kazakhskoe gos. izd-vo, 1961. 132 p.  
(MIRA 15:11)  
(Alma-Ata—Guidebooks)

ZHIRIKOVA, Ye. M., Cand. of Tech. Sci -- (diss) "Investigation of the organic  
coating containing orthophosphoric acid." Leningrad, 1957, 16 pp  
(Leningrad Technological Institute im Lensovet), 100 copies (KL, 33-57, 88)

ZHIRIKHIN, M.

When I am at my post. Za bezop.dvizh. 4 no.4:11 Ap '62.

(MIRA 15:5)

1. Inspektor 9-go otdeleniya Otdela regulirovaniya ulichnogo dvizheniya Gosudarstvennoy avtomobil'noy inspeksii.  
(Traffic police)

Zhirikova, Ye. M.

137-58-2-3721D

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 2, p 204 (USSR)

AUTHOR: Zhirikova, Ye. M.

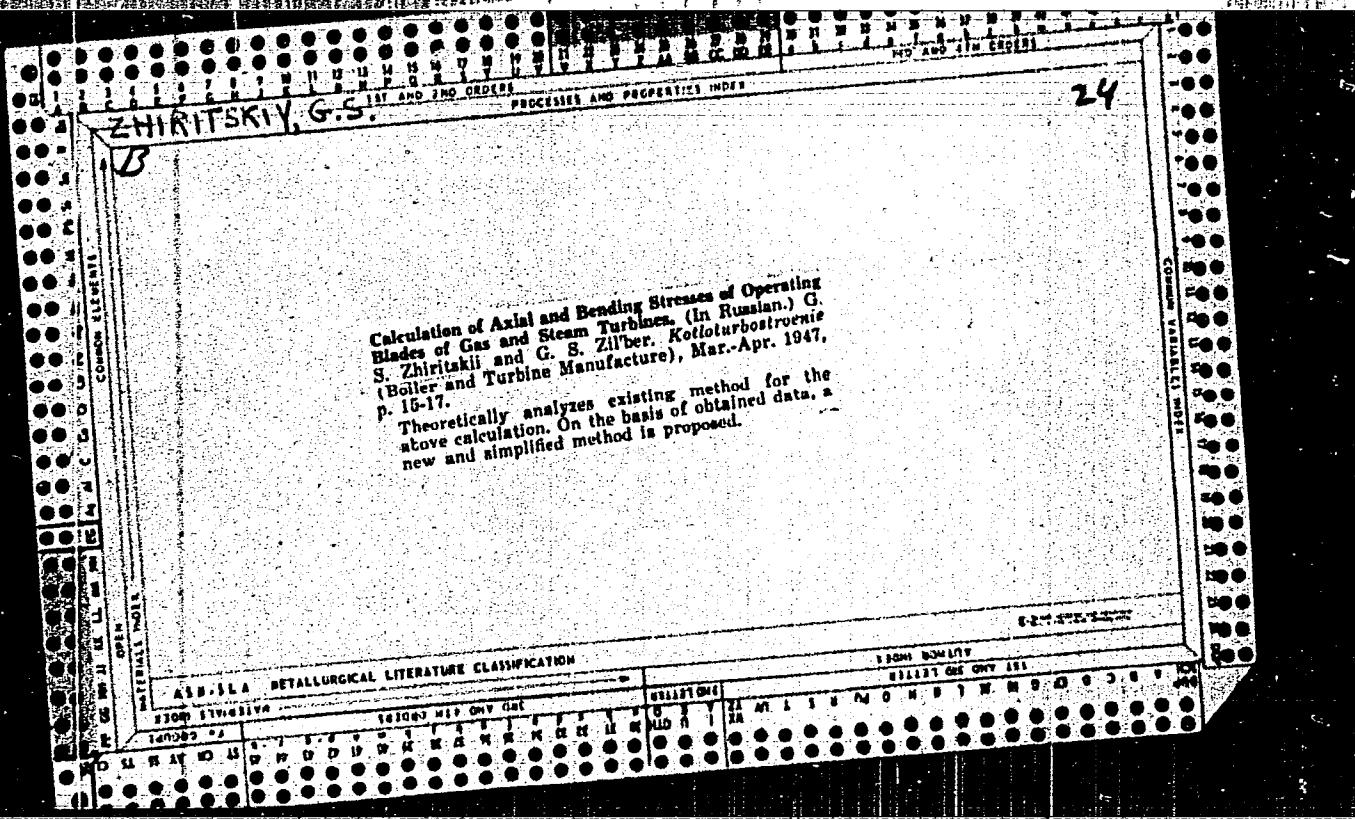
TITLE: An Investigation of Organic Coatings Containing Orthophosphoric Acid (Issledovaniye organicheskikh pokrytiy, soderzhayushchikh ortofosfornuyu kislotu)

ABSTRACT: Bibliographic entry on the author's dissertation for the degree of Candidate of Technical Sciences, presented to the Leningr. tekhnol. in-t im. Lensoveta (Leningrad Institute of Technology im. Lensovet), Leningrad, 1957

ASSOCIATION: Leningr. tekhnol. in-t im. Lensoveta (Leningrad Institute of Technology im. Lensovet), Leningrad

1. Organic coatings—Effects of orthophosphoric acid—Bibliography 2. Orthophosphoric acid—Applications

Card 1/1



ZHIRITSKIY, G.S., prof., doktor tekhn.nauk; KVASNIKOV, A.V., prof.,  
retsenzent; LITVIN, A.M., red.; CHAROV, A.D., tekhn.red.

[Gas turbines] Gasovye turbiny. Moskva, Gos.energ.izd-vo,  
1948. 504 p. (MIRA 12:6)

(Gas turbines)

PA 37/49T19

ZHIRITSKIY, G. S., Prof.

USSR/Engineering  
Turbines. Steam  
Bibliography

Jul/Aug '48

"Review of I. I. Kirillov and S. A. Kantor's 'Theory  
and Construction of Steam Turbines,'" Prof. G. S.  
Zhiritskiy, 2 v.

"Kotloturbostroy" No 4

Reviews favorably. Published by Mashgiz, 1947.

PA 37/49T19

~~ZHURILEVICH, S.; LOKAY, V.I.~~

Coefficient of heat transfer from gas to turbine blades. Trudy KAI  
23:132-142 '49. (MIRA 10:6)  
(Gas turbines--Blades)

PRIMENKO, A.Ye.; ZHIRITSKIY, G.S., redaktor.

[Gas turbines and their use in aviation] Gazovye turbiny i primenenie  
ikh v aviatii. Pod red. G.S.Zhiritskogo. Moskva, Gos. izd-vo obor.  
promyshl., 1950. 155 p. (MIRA 7:3)  
(Aeroplanes—Turbojet engines)

ZHIRITSKIY, G. S.

PHASE I

TREASURE ISLAND BIBLIOGRAPHICAL REPORT

AID 577 - I

BOOK

Call No.: TL709.25

Author: ZHIRITSKIY, G. S., Prof., Doc. of Tech. Sci.

Full Title: AVIATION GAS TURBINES

Transliterated Title: Aviatsionnyye gazovyye turbiny

PUBLISHING DATA

Originating Agency: None

Publishing House: State Publishing House of the Defense Industry  
(Oborongiz)

Date: 1950 No. pp.: 511 No. of copies: Not given

Editorial Staff: None

PURPOSE: This is a textbook approved by the Ministry of Higher Education  
for students of aviation institutes. It may also be used as a manual  
for designers and for engineers in care of the operation of gas  
turbines.

TEXT DATA

Coverage: This is a systematic course on the theory, design and con-  
struction of aviation gas turbines which covers the thermodynamic  
principles of gas turbine units, thermal process phenomena in gas  
turbines, calculation of heat exchange, description of the construc-  
tion, strength calculation of the principal components, and a short  
survey of gas turbine designs. Diagrams, charts, tables.

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ZHIRITSKIY, G.S.

STEAM ENGINES. (PAROVYE MASHINY). Zhiritskii, G.S. (Moscow: Gosizdat, 1951)  
6th revised ed., 280pp.: title in Recent Accessions, Brit. Museum.

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064820004-5"

ZHIRITSKIY, Georgiy Sergeyevich; SHELYAGINA, A.A., redaktor; VORONIK, K.P.,  
redaktor; TARIQOV, G.E., redaktor.

[The construction and the calculation of the strength of parts for  
steam turbines] Kostruktsiya i raschet na prochnost' detalei parovykh  
turbin. Moskva, Gos.energeticheskoe izd-vo, 1955. 279 p.  
(Steam turbines) (MIRA 8:5)

ZHIRITSKIY, Georgiy Sergeyevich; MARKIN, V.F., red.; LARIONOV, G.Ye..  
tekhn.red.

[Design and calculation of the strength of steam turbine components]  
Konstruktsiya i raschet na prochnost' detalei parovykh turbin.  
Izd.2., perer. i dop. Moskva, Gos.energ.iizd-vo, 1960. 311 p.  
(MIRA 14:2)  
(Steam turbines)

KHAZEN, Moisey Mikhaylovich, prof., doktor tekhn.nauk; ZHIRITSKIY, G.S.,  
prof., doktor tekhn.nauk, zаслуженный деятель науки и техники,  
расселент; SHEVCHENKO, L.A., канд.tekhn.nauk, red.; MEDVEDEVA,  
M.A., tekhn.red.

[Gas turbines for locomotives] Lokomotivnye gazoturbinnye  
ustanovki. Moskva, Vses.izdatel'sko-poligr.ob"edinenie M-va  
putei soobshcheniya, 1960. 419 p. (MIRA 13:9)  
(Gas-turbine locomotives)

ACC-NR: A17007608

SOURCE-CODE: UR/0114/65/000/003/0042/0042

AUTHOR: none

ORG: none

TITLE: Georgiy Sergeyevich Zhiritskiy

SOURCE: Energomashinostroyeniye, no. 8, 1966, 42

TOPIC TAGS: academic personnel, engineering personnel, gas turbine  
engine, gas turbine, steam turbine

SUB CODE: 13,21

ABSTRACT: G. S. Zhiritskiy passed away on June 4th. He was born in 1893. Upon graduation from the Kiev Polytechnical Institute (1915) he dedicated his life to science and training engineers. He has been a professor since 1925. He received the degree of Doctor of Technical Sciences in 1937. He has published over 50 scientific works, many of which have been published in numerous subsequent editions. His primary area of work has been on steam turbines, gas turbines and aircraft gas turbine engines. He was an active member of the Commission on Gas Turbine of the Academy of Sciences USSR, Chief Editor of the Journal Aviatsionnaya Tekhnika (Aviation Engineering) and a member of the Scientific and Technical Council of the Economic Region. He received the Order of Lenin. [JPRS: 38,330]

Card 1/1

UDC: (092.2)

122-2815/02

SKUBACHEVSKIY, Gleb Semenovich; TUMANSKIY, S.K., doktor tekhn. nauk, retsenzent; ZHIRITSKIY, G.S., doktor tekhn. nauk prof., retsenzent; STRUNKIN, V.A., kand. tekhn. nauk dots., retsenzent; SHTODA, A.V., prof., nauchn. red.; POPOV, A.V., red.

[Aircraft gas turbine engines; design and construction of parts] Aviatsionnye gazoturbinnye dvigateli; konstruktsiya i raschet detalei. Izd.2., perer. i dop. Moskva, Mashinostroenie, 1965. 451 p. (MIRA 19:1)

1. Chlen-korrespondent AN SSSR (for Tumanskiy).

AM4008915

## BOOK EXPLOITATION

S/

Zhiritskiy, Georgiy Sergeyevich (Professor); Lokay, Viktor Iosifovich  
Maksutova, Makhfuzya Karimovna; Strunkin, Valentin Aleksandrovich

Gas turbines of aircraft engines (Gazovyye turbiny\* aviatsionnykh  
dvigateley) Moscow, Oborongiz, 63. 0608 p. illus., biblio.,  
graphs. 9,000 copies printed.

TOPIC TAGS: gas turbine, aviation turbine, gas turbine aerodynamics,  
gas turbine thermodynamics, gas turbine design, gas turbine con-  
struction, gas turbine strength calculation, gas turbine operation

PURPOSE AND COVERAGE: This is a systematized textbook on gas tur-  
bines for aviation higher technical institutions and can be used at  
the same time by gas-turbine designers. It contains the theory,  
methods of calculations, and a review of constructions of gas tur-  
bines employed in aviation gas-turbine and liquid-fuel-jet engines,  
and also in auxiliary aircraft engines. It deals with the working

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AM4008915

processes in gas turbines (different modifications), thermodynamic and gas dynamic calculations for nominal and variable operating conditions, cooling systems used for the hot parts of the turbine, turbine design and construction, and strength calculations. The book is based on a 1950 text "Aviation Gas Turbines" by Professor G. S. Zhiritskiy, on work by Soviet and other scientists, and on findings of the Turbine-Machinery staff of the Kazan Aviation Institute, who rendered great help in planning the book. The authors are also grateful to Professors A. F. Gurov, I. I. Kulagin, and K. V. Kholshevnikov for many useful hints during the review of the book.

## TABLE OF CONTENTS [abridged]:

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List of symbols --	5
Introduction --	9

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ZARYANKIN, A.Ye.; SHERSTYUK, A.N.; ZHIRITSKIY, G.S., prof., retsenzent; PALEYEV, N.M., inzh., red. Izd-va; UVAROVA, A.F., tekhn. red.

[Low-power Francis-type turbines] Radial'no-osevye turbiny maloi moshchnosti. Moskva, Mashgiz, 1963. 247 p.

(MIRA 16:10)

(Turbines)

ZHIRITSKIY, Georgiy Sergeevich, prof.; LOKAY, Viktor Iosifovich;  
MAKSUTOVA, Makhfuzya Karimovna; STRUNKIN, Valentin  
Aleksandrovich; GUROV, A.F., doktor.tekhn. nauk, prof.,  
retsenzent; KHOLOSCHEVNIKOV, K.V., doktor tekhn. nauk,  
prof., retsenzent; KULAGIN, I.I., doktor tekhn.nauk, prof.,  
retsenzent; LEPESHINSKIY, I.A., inzh., red.; BOGOMOLOVA,  
M.F., red.izd-va; NOVIK, A.Ya., tekhn. red.

[Gas turbines of aircraft engines] Gazovye turbiny aviatcion-  
nykh dvigatelei. Moskva, Gborongiz, 1963. 604 p.  
(MIRA 16:9)

(Gas turbines) (Aircraft Engines)

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064820004-5

ZHIRITSKIY, G.S., doktor tekhn.nauk

"Gas turbines" by IA.I. Shnee. Reviewed by G.S. Zhiritskiy.  
Teploenergetika 8 no.9:96 S '61. (MIRA 14:8)  
(Gas turbines)  
(Shnee, IA.I.)

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064820004-5"

ZHIRITSKIY, G.S., prof.

Letter to the editor. Energomashinostroenie 7 no.7:27 Jl '61.  
(MIRA 14:8)  
(Steam turbines)

ACC NR: AT6027935

SOURCE CODE: UR/0000/66/000/000/0184/0190

AUTHOR: Broder, D. L.; Dergachev, N. P.; Kondrashov, A. P.; Zhiritskiy, V. K.;  
Kozlov, V. N.; Lavdanskiy, P. A.

ORG: None

TITLE: Investigation of the shielding properties of concrete which contains boron

SOURCE: Voprosy fiziki zashchity reaktorov (Problems in physics of reactor shielding);  
sbornik statey, no. 2. Moscow, Atomizdat, 1966, 184-190

TOPIC TAGS: concrete, boron, radiation shielding, fast neutron, gamma radiation,  
radiative capture

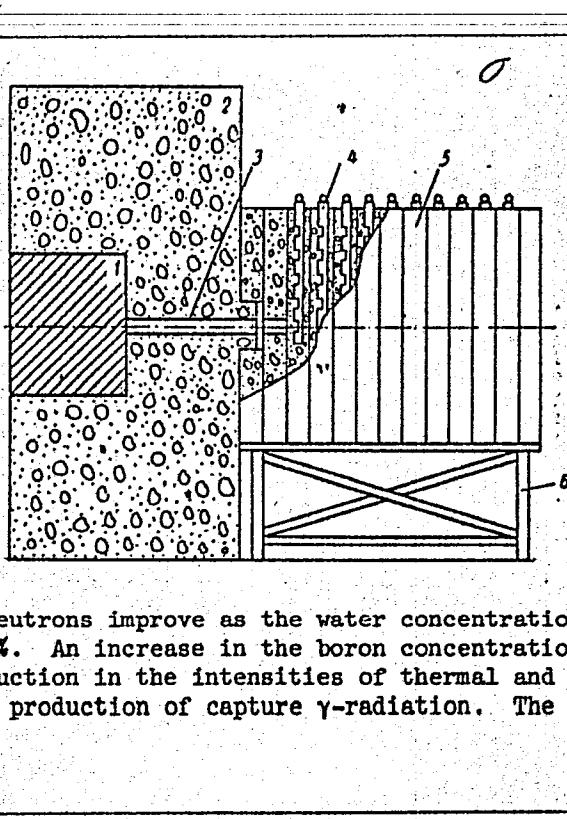
ABSTRACT: The authors study the shielding properties of concrete containing various concentrations of boron and various quantities of hydrogen. A beam of fast neutrons issuing from a horizontal channel in the shielding of the BR-5 reactor was used in these experiments with the arrangement shown in the figure. The diameter of the beam was 40 mm with a neutron density of  $10^9$  neutr/cm<sup>2</sup>·sec. The particle detector was a fission chamber with Th<sup>232</sup> and indicators made of red phosphorous. The effective threshold of this chamber is close to 1.5 Mev. Indium indicators were used for attenuated streams of thermal and intermediate neutrons. The concrete specimens were made up of 13 plates on a special stand with overall dimensions of 1000×1000×1300 mm. The first plate in this assembly was made with a recess to fit flush against the reactor

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L-05067-67

ACC NR: AT6027935

shielding and reduce neutron leakage. The detectors were placed in each plate in special vertical channels measuring 50 mm in diameter with a depth of 600 mm. Seven types of concrete were tested with various concentrations of boron and water. The chemical compositions and boron-water concentrations of the various types are tabulated together with their densities. The neutron flux was measured at various heights in the experimental channels. The resultant data are used for calculating the relaxation length for fast, thermal and intermediate neutrons in 70-85 cm of concrete. The experimental relaxation lengths for fast neutrons agree satisfactorily with the theoretical data calculated on the basis of the removal cross section method. The shielding properties of concrete with respect to fast neutrons improve as the water concentration in the concrete is increased from 8 to 24 wt.%. An increase in the boron concentration of the concrete results in a considerable reduction in the intensities of thermal and intermediate neutrons and consequently in the production of capture  $\gamma$ -radiation. The



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L 05067-67

ACC NR: AT6027935

boron concentration should not be increased past 3-4 wt.% since this results in a  
noticeable reduction in the shielding properties of the concrete. Orig. art. has:  
6 figures, 3 tables.

SUB CODE: 18, 11/ SUBM DATE: 12Jan66/ ORIG REF: 004/ OTH REF: 002

Card 3/3 *flas*

GLAZOV, V.M.; ZEMSKOV, V.S.; ZHIRKIN, B.G.; SUCHKOVA, A.D.; LYU CHZHEN-YUAN<sup>1</sup>  
[Liu Chen-yuan]

Physicochemical analysis of systems Ge(Si) - A<sup>II</sup> - B<sup>V</sup>. Trudy  
Inst. met. no.14:108-119 '63 (MIRA 17:8)

ZHIREKIN, I.

For widespread independent action in trade-union organizations.  
Sov. profsoiuzy 5 no.4:15-18 Ap '57. (MLRA 10:6)

1. Predsedatel' zavodskogo komiteta Magnitogorskogo metallurgicheskogo kombinata.  
(Magnitogorsk--Metallurgical plants) (Trade unions)

ZHIRKIN, V.

The way is wide open for the new and progressive! Sov. prof-  
sciuzny 3 no.6:33-36 Je '55. (MLRA 8:8)

1. Predsedatel' zavkoma Magnitogorskogo metallurgicheskogo  
kombinata imeni Stalina.  
(Efficiency, Industrial)

L 20668-66 EWP(e)/EWT(m)/EWP(w)/EPP(n)-2/T/EWP(t)/EWP(k)/ETC(n).6 LJP(n) JD/TG/ /  
ACC NR: AP6001473 (A) SOURCE CODE: UR/0226/65/000/012/0045/0047  
WW/EW/JG/ZM

AUTHOR: Shchegolova, R. P.; Golubeva, L. S.; Litvin, D. F.; Ponyatovski, Ye. G.; Zhirkin, Yu. N.

ORG: Central Scientific Research Institute of Ferrous Metallurgy  
(Tsentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii)

TITLE: The Zr-Ti-O-Fe deformable alloy for high-pressure chambers

SOURCE: Poroshkovaya metallurgiya, no. 12, 1965, 45-47

TOPIC TAGS: deformable body, high strength alloy, high alloy steel,  
coherent scattering, neutron scattering, high pressure chamber, metal  
forging, ultimate strength

ABSTRACT: Sintered Zr-Ti-O-Fe deformable alloy designed for high-  
pressure chambers was developed by the authors during neutronographic  
investigations of materials. The alloy has a composition corresponding  
to the zero amplitude of coherent scattering for neutrons (53% Zr,  
44.95—43.8% Ti, 0.25—0.40% O, and 1.0—2.0% Fe) and to the structure  
of an unordered solid solution. The ultimate strength of forgings is  
130—150 dan/mm<sup>2</sup>. [Based on author's abstract] [NT]

SUB CODE: 11/ SUBM DATE: 04Jun65/ ORIG REF: 005/ OTH REF: 001

Card 1/1 CK

GRIGOR'YEV, P.S.; RUDOV, B.D.; ZHIRKINA, A.P.

Experience with the use of fubromegan in stenocardia. Kaz. med.  
zhur. no.6:58-59 N-D '63. (MIRA 17:10)

1. Fakul'tetskaya terapeuticheskaya klinika (zav. - prof. N.Ye.  
Kavetskiy) Kuybyshevskogo meditsinskogo instituta.

ZHIRKO, I.S.; SHVARTS, G.S.

Intensified work; activities and staff of the Second Ol'khovatka  
Factory. Sakh. prom. 33 no.4:4-12 Ap '59. (MIRA 12:6)  
(Ol'khovatka (Voronezh Province)--Sugar industry)

LEVCHENKO, S.P. [deceased]; ZHIRKOV, A.V.

Amplitude-periodic electromechanical wave recorder and analyzer.  
Trudy Mor. gidrofiz. inst. AN URSR 30:11-16 '64.

(MIRA 17:11)

ZHIRKOV, K.F.

Dust storms in the West Siberian and Kazakhstan steppes.  
Izv. AN SSSR, Ser. geog. no.6:50-55 N-D '63.

1. Pedagogicheskiy institut, g. Petropavlovsk, Tselinnogo  
kraya. (MIRA 17:1)

ZHIRKOV, K.P.

Study of the climate of the Tsymlyansk Reservoir region. Uch. zap.  
RGU 44:171-178 '59. (MIRA 14;1)  
(Tsymlyansk Reservoir region—Climate)

ZHIRKOV, K.F.

Basic characteristics of the balance of radiation in TSelinograd  
District. Meteor. i gidrol. no.2:39-42 F '63. (MIRA 16:2)

I. Petropavlovskiy pedagogicheskiy institut, kafedra fizicheskoy  
geografii.  
(TSelinograd District—Solar radiation)

ZHIRKOV, K.F.

Most important characteristics of the Virgin Territory climate.  
Vest. Mosk. un. Ser. 5: Geog. 17 no.4:15-21 Jl-Ag '62.

(MIRA 16:1)

1. Kafedra fizicheskoy geografii, Petropavlovskiy pedagogicheskiy  
institut, Tselinnyy kray.

(Virgin Territory—Climate)

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064820004-5

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064820004-5"

ZHIRKOV, V.Y.

Simple disinfection-disinfestation chamber. Gig. sanit., Moskva no.6:49  
June 1952. (CLML 23:2)

1. Of the Department of General Hygiene, Saratov Medical Institute.

PERZADAYEV, O.P.: FILIPPOV, A.K.: ZHIRKOVA, Z.Ye.

(Per material submitted to the Editorial Staff--A.A.Zhikharev)

II. DISEASES, TREATMENT AND CARE OF CALVES

Candidate of Veterinary Science O.P.PERZADAYEV and Veterinarians A.K.FILIPPOV and Z.Ye.ZHIRKOVA (Chkalov Oblast Veterinary Experimental Station)--"The Identification of Salmonellae in Chkalov Oblast and their Pathogenicity in the Young of Farm Animals". As a result of bacteriological, biochemical and serological studies of a large amount of pathological material sent to the veterinary experimental station from various rayons of Chkalov Oblast, the authors isolated 64 strains of bacteria of the Salmonella group.

(Bacteria isolated: S.enteritidis Dublin-caused paratyphoid of calves; S.enteritidis Rostock--abortion in cows and mares, paratyphoid in calves and colts; S.typhi murium; S.cholerae suis; S.cholerae suis; S.abortus equi--paratyphoid abortion in mares; S.Moscow No.2; S.enteritidis Jena--paratyphoid in calves and colts.

The authors conclude that "statements in literature concerning the primary role of B.enteritidis Gaertner and the generalization of several typical representatives ( S. enteritidis Dublin, S. enteritidis Rostock, S.enteritidis Jena and others) under the general name B. Gaertner does not enable a differential approach to the struggle against these bacteria which cause diseases specific for each of them in different species of animals." (Veterinariya, No.1; pp.23-27; Jan 1950)

SO: U-5549; 16 Feb 1954

PEREDERIY, Ivan Alekseyevich, dotsent, kand. tekhn. nauk; NOVOPASHIN, A.A., dotsent, kand. tekhn. nauk, retsenzent; RAYKOV, F.I., retsenzent; BERG, L.G., prof., doktor khim. nauk, nauchnyy red.; ZHIRKOVICH, S.V., dotsent, kand. tekhn. nauk, red.; DENEVA, I.A., tekhn. red.

[High-strength Perederii's gypsum; its technology and characteristics] Vysokoprochnyi gips GP; ego tekhnologija i svoistva. Kuibyshevskii inzhenerno-stroit. in-t, 1960. 197 p. (MIRA 14:6)

1. Glavnnyy inzhener Kuibyshevskogo gipsovogo kombinata (for Raykov)  
(Gypsum)

NAUMETS, Nikolay Ivanovich, ispolnyayushchiy obyazannosti prof.  
kand. tekhn. nauk; ZHIRKOVICH, Sergey Vladimirovich,  
ispolnyayushchiy obyazannosti prof. kand. tekhn. nauk;  
ABAYEV, I.I., inzh.; PERCHENKO, A.G., st. pepod.;  
SHABANOV, A.D., dots., kand. tekhn. nauk, retsenzent;  
YUSTINSKIY, E.A., inzh., retsenzent; ANTONOV, V.P.,  
tekhn. red.

[Hoisting machinery used in building] Gruzopod"emnye  
stroitel'nye mashiny. 2-ia chast' posobiia po kursu  
stroitel'nykh mashin. Kuibyshev, Kuibyshevskii inzhe-  
nero-stroite. in-t, 1962. 416 p. (MIRA 17:2)

211-1, LIAZHI, L.R.  
MAGARSHAK, Boris Grigor'yevich; TSAL, K.I., otvetstvennyy redaktor;  
ZHIRMUNSKAYA, I.A., redaktor; DUGOKANSKAYA, Ye. D., tekhnicheskiy  
redaktor.

[Electric measurements] Elektricheskie izmerenija. Leningrad, Gos.  
sciusnoe izd-vo sudostroit.promyshl., 1956. 182 p. (MIRA 10:4)  
(electric measurements)

LITERATURSKIY, L.

Call Nr: AF 1142965

AUTHOR: See Table of Contents

TITLE: Metallography. (Metallovedeniye). Collected Articles (Sbornik statey)

PUB. DATA: Gosudarstvennoye soyuznnoye izdatel'stvo sudostroitel'noy promyslennosti, Leningrad, 1957, 286 pp., 4,000 copies.

ORIG. AGENCY: None

EDITOR: Ed.-in-Chief: Zav'yakov, A. S., Doctor of Tech. Sc., Professor, Ed.: Zhirmanskaya, I. A.; Tech. Ed.: Shirokov, P. D.

PURPOSE: The articles contained in this collection were written for specialists in metallography, to acquaint them with the latest findings.

COVERAGE: These 16 papers represent Soviet contributions. For coverage and references see Table of Contents.

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Call Nr: AF 1142965

Metallography. Collected Articles (Cont.)

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Nemchinskiy, A. L., Candidate of Tech. Sc. Experimental Study on the Formation of Cracks During Quenching . . . . .	17
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Newchinskiy, A. L., Candidate of Tech. Sc. Resistance of Steel to Cracking During Quenching . . . . .	42
There are 29 references, 23 of which are Russian, 6 English.	
Shimelevich, I. L., Candidate of Tech. Sc. Static Stress Fatigue Tests on Notched Specimens . . . . .	70

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Call Nr: AF 1142965

## Metallography. Collected Articles (Cont.)

There are 5 references, 4 of which are Russian, 1 German.

Shimelevich, I. L., Candidate of Tech. Sc. Extent of  
Cracking in Steel Sheets Due to Internal Stresses . . . 81

There are 14 references, 10 of which are Russian,  
3 English, and 1 German.

Shurakov, S. S., Candidate of Tech. Sc. Yield Strength  
of Tempered Steel as a Temporal Function of the Load . . . 100

There are 37 references, 28 of which are Russian,  
9 English.

Zav'yazlov, A. S., Doctor of Tech. Sc., Professor,  
Gol'dshteyn, L. Ya., Engr., Senchenko, M. I. Nature  
of Tempering (Heat) Embrittlement . . . . . 127

There are 12 references, all Russian.

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Call Nr. AF 1142965

## Metallography. Collected Articles (Cont.)

Gorynin, I. V., Candidate of Tech. Sc. Effect of Hardening on Low-Carbon Steel Embrittlement . . . . . 145  
10

There are 10 references, 8 of which are Russian, 1 English, 1 German.

Gorynin, I. V., Candidate of Tech. Sc. Effect of Work Hardening on Cold Deformed Low-Carbon Steel . . . . . 155

There are 5 references, all Russian.

Pashkov, P. O., Doctor of Tech. Sc., Professor. Yield Strength Limits and the Creep Area Under Stress . . . . . 162

There are 39 references, 23 of which are Russian, 2 German, 14 English.

Moroz, L. S., Doctor of Tech. Sc., Khesin, Yu. D., Eng., Mingin, T. E., Eng., and Chernetsov, V. I., Eng. Yield Strength Point of Titanium . . . . . . . . . . . . . . . . . . . 175

There are 18 references, 13 of which are Russian, 3 English, 2 German.

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Call Nr: AF 1142965

## Metallography. Collected Articles (Cont.)

Chechulin, B. B., Candidate of Tech. Sc., and  
Syahchikov, V. I., Eng. Cycle Stress Fatigue Resist-  
ance of Titanium . . . . . 196

There are 11 references, 3 of which are Russian,  
8 English.

Zav'yalov, A. S., Doctor of Tech. Sc., Professor,  
Bruk, B. I., Candidate of Tech. Sc. X-ray Tests of  
Carbon Distribution in Ferro-Alloys . . . . . 206

There are 26 references, all Russian.

Zav'yalov, S. A., Doctor of Tech. Sc., Professor,  
Paley, E. Ya., Eng. Structural Steel Carbide Types  
and Their Formation and Solution Processes . . . . . 220

There are 12 references, 11 of which are Russian,  
1 English.

Kaptyug, I. S., Candidate of Tech. Sc. Laminated  
Woody Fractures in Steel . . . . . 253

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Metallography. Collected Articles (Cont.)

Call Nr: AF 1142965

There are 22 references, 19 of which are Russian,  
2 German, 1 English.

Andreyev, I. A., Professor, Polin, I. V., Candidate  
of Tech. Sc. Vacuum Steel Pouring Practice . . . .

264

There are no references.

AVAILABLE:

Library of Congress

6/6

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064820004-5

PUGACHEV, A.S.; FEDOROV, N.A., otvetstvennyy redaktor; ZHIRMUNSKAYA, I.A.,  
redaktor; FRUMKIN, P.S., tekhnicheskiy redaktor

[Layout work in shipbuilding] Sudovye razmetochnye raboty. [Lenin-  
grad] Gos. izd-vo sudostroit. lit-ry, 1953. 155 p. [Microfilm]  
(Shipbuilding) (MLRA 7:10)

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064820004-5"

L 05850-67 // EWT(1) RO

ACC NR: AP6031056 (V) SOURCE CODE: UR/0304/66/004/009/0046/0051

AUTHOR: Zhirmunskaya, N. M.

ORG: All-Union Scientific Research Institute of Plant Protection (Vsesoyuznyy nauchno-issledovatel'skiy institut zashchity rasteniy)

TITLE: Effects of some herbicides on the nitrogen fixation in roots of Canada thistle and yellow thistle

SOURCE: Khimiya v sel'skom khozyaystve, v. 4, no. 9, 1966, 46-51

TOPIC TAGS: herbicide, albumen, nitrogen, amide, Canada thistle, yellow thistle

ABSTRACT: The effect of some herbicides on nitrogen compound fixation in roots of Canada thistle and yellow thistle was compared. It was found that herbicides 2, 4-D; 2, 3, 6-TB and aminotriazole caused similar changes in nitrogen fixation of the root system of the thistles studied. An intensive synthesis of albumen and accumulation of non-albumen forms of nitrogen, mainly at the expense of amides, characterizes the maximum activity phase. The duration and degree of interruption of the nitrogen fixation caused by herbicides

Card 1/2

UDC: 632.954:581.134.1/.2

L-05850-67

ACC NR: AP6031056

was found to be proportional to their toxicity for the given species of plants. It was also suggested that the content of nitrogen in the roots of the plants treated increases because of the transformation of hydrolysis products of carbohydrates. Orig. art. has: 6 tables. [w. A. 50] D  
[GC]

SUB CODE: 06/02/ SUBM DATE: 22Jun65/ ORIG REF: 013/ OTH REF: 009/

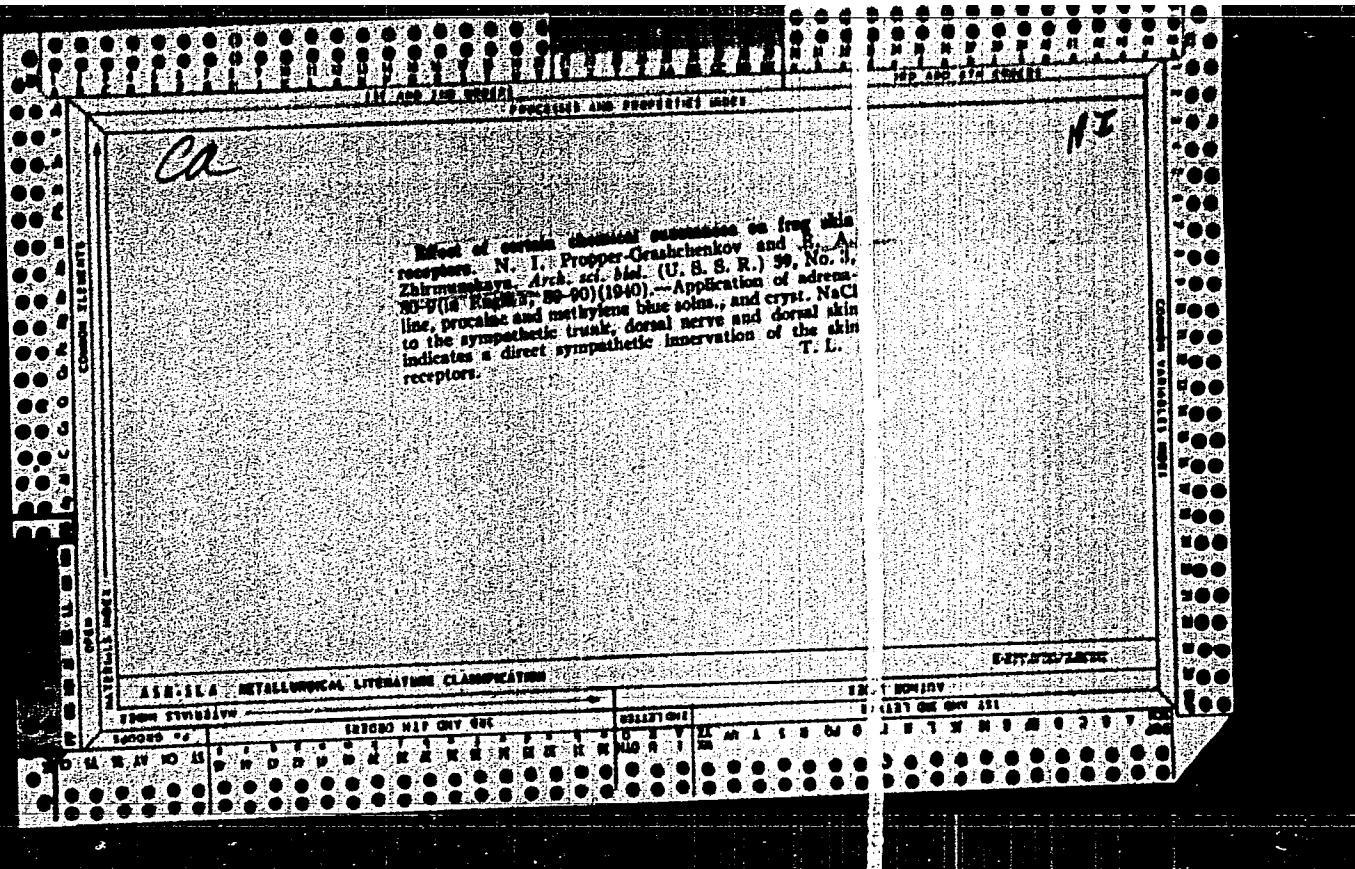
Card 2/2 *egf*

ZHIRMUNSKAYA, Ye. A.

"Effect of Cobra Venom (Na ja Na ja) on the Skin Receptor System."

Dok. AN, 29, No. 2, 1940; A. M. Gorki All-Union Inst. of Experimental Medicine.

Department of Sense Organs and Parasitology; c1940-.



ZHIRMINSKAYA, E.A.

22643. ZHIRMINSKAYA, E.A. K voprosu o formirovaniu tonusa i tet-mu. trudy akad. med. nauk sssr, t. IV, 1949, s.139-51- bibliogr: 18 nasv.

SO: LETOPIS' №. 20, 1949

ZHIRUNSKAYA, Ye.A.; YOSELEVICH, F.M.

Effect of vestibular stimulation on the electric activity of cerebral cortex and basal cerebral regions. Vest. otorinol. 13 no.2:17-24 Mar-Apr 51. (CIML 20:8)

1. Of the Institute of Neurology of the Academy of Medical Sciences USSR (Director—Prof. N.V. Konovalov, Corresponding Member of the Academy of Medical Sciences USSR).

GEYNISMAN, Ya. I.; ZHIRMUNSKAYA, Ye. A.

Mechanism of action of roentgen rays on reflex excitability. Fiziol.  
zh. SSSR 38 no. 3:312-318 May-June 1952. (CLML 23:2)

1. Institute of Neurology, Academy of Medical Sciences USSR.

ZHIGUNSKAIA, Ye. A.

Hypertension

Characteristic of the electric activity of the brain in various stages of hypertension and in the process of treatment. Zhur. nerv. i psikh. 52 no. 9, 1952.

Monthly List of Russian Accessions, Library of Congress, December 1952 Uncl.

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